Philips 5000 series
LCD TV with Pixel Plus HD

22"
Full HD 1080p digital TV

22PFL5614H

# Brilliant design, powerful performance.

## With superb picture and sound

Experience brilliant performance with a full HD 1080p display. Combined with a powerful Pixel Plus HD Engine and fantastic invisible sound, this Flat TV will never let you down.

### Vivid and razor sharp pictures
- Pixel Plus HD for better details, depth and clarity
- Full HD LCD display, with a 1920 x 1080p resolution
- 28.9 billion colours for brilliant natural images

### Pure and lifelike sound
- 2 x 5 W RMS audio power
- Invisible speakers with incredible surround

### Easy to connect and enjoy
- USB for fantastic multimedia playback
- 2 HDMI inputs with Easylink for a full HD connection
- PC-input allows you to use your TV as a PC monitor

### Ready for digital
- MPEG4 HDTV reception via DVB-T and DVB-C tuner with CI+*

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PHILIPS
sense and simplicity

# Highlights

## Pixel Plus HD

Pixel Plus HD is a picture processing technology that enables viewers to watch content that is vivid, natural and real. The results are superbly life-like pictures with incredible details and depth from any HD source.

## Full HD LCD display 1920 x 1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

## 28.9 billion colours

Vibrant and natural images from the most advanced colour processing. The 3 colour channels (RGB) are optimised using 10-bit resolution, a total processing power of 28.9 billion colours. It produces vibrant colours while retaining excellent sharpness. The advanced algorithms detect subtle colour shades and skin tones and process them to give the most natural colours.

## USB (multimedia)

The USB connector allows access to jpeg photos, MP3 music and video files on most USB sticks (USB memory-class device). Plug the USB into the slot on the side of the TV and access the multimedia content using the easy on-screen content browser. You can now view and share your videos, photos and music.

## PC input (VGA)

With PC input you can connect your TV to a computer by a VGA cable and use the TV as a PC monitor.

## Invisible speakers

An invisible sound system that blends perfectly with the design of the cabinet. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

## MPEG4 DVB-T/C tuner with CI+*

HDTV allows you to watch TV in the best possible picture and sound quality, without an additional set-top box. Thanks to the built-in tuner that supports DVB-Terrestrial and DVB-Cable signals for both MPEG-2 and MPEG-4 formats, you receive high definition TV programmes in exceptional quality. Moreover, with Common Interface Plus (CI+) you benefit from premium high definition content directly on your TV.

## ECO Flower

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Over the last 10 years we have worked hard to lower our environmental impact and will continue to do so. Our eco-design process aims to create Philips televisions that are increasingly eco-friendly and that have significantly less impact on the environment. Philips has been awarded the EU ECO label (the flower) on the majority of its models because of the televisions' high energy efficiency, ultra low standby powers (up to 50% less than the required EU ECO label level), absence of hazardous substances (e.g. lead) and the fact that Philips has designed televisions that can be easily recycled.

PIXEL PLUS HD · Full HD 1080p · 28.9 billion colors · Incredible Surround · HDMI 2x with easyLINK · USB · TV PC-IN · CI+ · DVB C T CABLE / TERRESTRIAL

LCD TV with Pixel Plus HD
22" Full HD 1080p digital TV

**22PFL5614H/12**

# Specifications

## Picture/Display
- Aspect ratio: Widescreen
- Brightness: 400 cd/m²
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V)
- Diagonal screen size: 22 inch / 56 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920 x 1080p
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Colour Enhancement, Colour Transient Improvement, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver
- Screen enhancement: Anti-Reflection coated screen

## Supported Display Resolution
- Computer formats

| Resolution | Refresh rate |
|---|---|
| 640 x 480 | 60 Hz |
| 800 x 600 | 60 Hz |
| 1024 x 768 | 60 Hz |
| 1280 x 1024 | 60 Hz |
| 1360 x 768 | 60 Hz |
| 1600 x 1200 | 60 Hz |
| 1920 x 1080 | 60 Hz |

- Video formats

| Resolution | Refresh rate |
|---|---|
| 480i | 60 Hz |
| 480p | 60 Hz |
| 576i | 50 Hz |
| 576p | 50 Hz |
| 720p | 50, 60 Hz |
| 1080i | 50, 60 Hz |
| 1080p | 24, 50, 60 Hz |
| 1080p | 24, 25, 30 Hz |

## Sound
- Output power (RMS): 2 x 5 W
- Sound Enhancement: Incredible Surround, Treble and Bass Control
- Sound System: Nicam Stereo

## Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Connection Enhancement: Easy link
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug and Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Programme List, Settings assistant Wizard, One-stop Home button, Favourite programme selection
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Remote Control: TV
- Remote control type: RCPF02E09W
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen
- Teletext: 1000-page Smart Text
- Teletext enhancements: 4 favourite pages
- Smart mode: Game, Cinema, Personal, Energy saving, Standard, Vivid

## Multimedia Applications
- Multimedia connections: USB
- Playback Formats: MP3, LPCM, JPEG Still pictures, MPEG1, MPEG2, H.264/MPEG-4 AVC

## Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

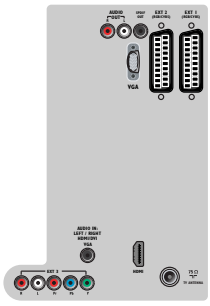
## Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- Front/Side connections: HDMI v1.3, Headphone out, USB 2.0
- Other connections: Audio constant level out, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface
- HDMI 1: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), Remote control pass-through, System audio control, System standby

## Power
- Ambient temperature: 5°C to 35°C
- Mains power: 220–240 V, 50 Hz
- Power consumption (typical): 40 W
- Power consumption: 50 W
- Standby power consumption: 0.15 W

## Dimensions
- Set dimensions (W x H x D): 540.6 x 355.5 x 67 mm
- Set dimensions with stand (W x H x D): 540.6 x 400 x 205 mm
- Weight incl. Packaging: 6.45 kg
- Product weight: 4.83 kg
- Product weight (+stand): 5.11 kg
- Box dimensions (W x H x D): 590 x 521 x 160 mm
- Colour cabinet: High gloss white deco front with white cabinet
- VESA wall mount compatible: 100 x 100 mm

## Accessories
- Included Accessories: Tabletop stand, Power cord, Quick start guide, CD-ROM with software + manual, User Manual, Warranty certificate, Remote Control, 2 x AAA Batteries

## Rear connectors



## Side

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* 8 days EPG, service not available in all countries
* DVB-T, supported in selected countries only
* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.